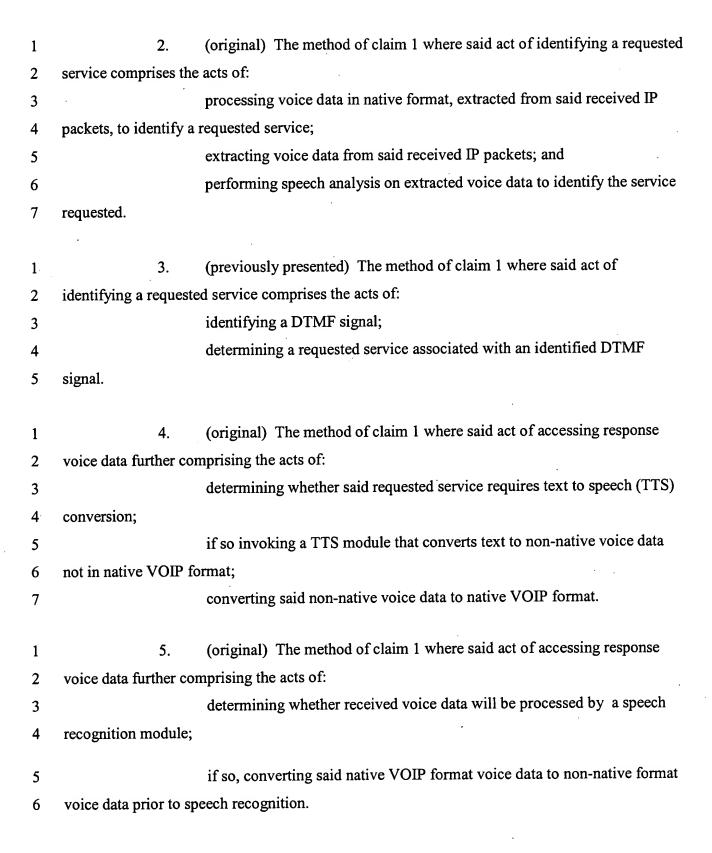
## **Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

## **Listing of Claims:**

1	(previously presented) A method for providing telephone application		
2	services using a managed VOIP network, where voice data transmitted over the network is		
3	codified in a native VOIP format, said method comprising the acts of:		
4	providing a plurality of channels for handling incoming telephone calls and a		
5	shared memory, accessible to all channels, storing response voice data in native VOIP format;		
6	providing an I/O thread for each channel for managing all I/O, with I/O thread		
7	performing the following acts:		
8	while playing a message, giving higher priority to data transmission than		
9	to data reception; and		
10	while recording a message, giving higher priority to data reception than to		
11	data transmission;		
12	receiving a first incoming telephone call, including a first plurality of received IP		
13	packets encapsulating voice data in native format, from a service requestor over the managed		
14	VOIP network;		
15	setting up a connection between the incoming telephone call and a first one of		
16	said channels for handling the incoming telephone call;		
17	identifying a requested service;		
18	accessing response voice data, stored in the native VOIP format in said shared		
19	memory, responsive to the requested service;		
20	encapsulating said response voice data in a second plurality of response IP		
21	packets; and		
22	sending said second plurality of response IP packets over said managed VOIP		
23	network to the service requestor.		



1	6. (	original) The method of claim 1 further comprising the act of:	
2	$\epsilon$	extracting calling ID line data from VOIP call signaling protocol to obtain	
3	location information about the service requestor;		
4	a	accessing customized voice data, in native VOIP format, from said shared	
5	memory;		
6	e	encapsulating said customized voice data in customized IP packets; and	
7	sending said customized IP packets to the service requestor over the managed		
8	VoIP network.		
•	•		
1	7. (	canceled).	
1	8. (	previously presented) A method for providing telephone application	
2	services using a managed VOIP network, where voice data transmitted over the network is		
3	codified in a native VOIP format, said method comprising the acts of:		
4	providing a plurality of channels for handling incoming telephone calls and a		
5	shared memory, accessible to all channels, storing response voice data in native VOIP format;		
6	providing a plurality of message access servers for controlling access to shared		
7	memory;		
8	receivin	g a first incoming telephone call, including a first plurality of received II	
9	packets encapsulating voice data in native format, from a service requestor over the managed		
10	VOIP network;		
11	setting up a connection between the incoming telephone call and a first one of		
12	said channels for handling the incoming telephone call;		
13	identify	ing a requested service;	
14	utilizing	g a service requestor ID to access a user database holding an association	
15	between the ID and a home MAS for accessing response voice data for the service requestor,		
16	wherein the accessed response voice data is stored in the native VOIP format in said shared		
17	memory;		
18	encapsu	lating said response voice data in a second plurality of response IP	
19	packets.		

**PATENT** 

Appl. No. 09/658,771 Amdt. dated September 28, 2004 Response to Notice of Allowance June 29, 2004

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9. (canceled).